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**Business Technology Alignment (BTA)  
Architecture Working Group (AWG) Meeting Minutes  
May 29, 2002**

<b>Location:</b>	820 1 <sup>st</sup> Street, NE, WDC (room 221a), 2:00 –3:00
<b>Members Attending:</b>	Denise Hill Paul Hill, Jr. Bruce Kingsley (substituting for Paul Peck) Robert Laurence Mark Snead Paul Stonner Ray Thomas Howard Weitzner -- Karen Anderson Bill Malyszka
<b>Absent:</b>	Anna Allen John Gaeta Carl Porter Ron Sann
<b>Invitees:</b>	David Elliott Jim Greene John Zolldan
<b>Others:</b>	Bill Bush Kathryn Pirnia Aaron Rankin
<b>Agenda:</b>	<ul style="list-style-type: none"><li>❑ Quarterly review of AWG members and introduction of new members</li><li>❑ Status of action items Identified in previous meetings</li><li>❑ AWG chair rotation</li><li>❑ Learning Management System</li><li>❑ Disruptive technology</li><li>❑ NSLDS re-engineering data warehouse options</li><li>❑ Meeting wrap-up</li></ul>

<b>Issues/Risks:</b>	None
<b>New Action Items:</b>	None
<b>Outstanding Action Items:</b>	<b>Action from this meeting:</b> Kathryn Pirnia will draft a process that will define how changes to shared data will be negotiated among affected systems.
<b>Decisions:</b>	
<b>Next Meeting:</b>	<b>Wednesday, June 12, 2002</b> <b>2:00pm to 3:00pm</b> <b>Room 107, 820 1<sup>st</sup> St. NE</b>

Meeting Discussion Items:

- Quarterly review of AWG members and introduction of new members
  - New members Howard Weitzner and Carl Porter were introduced to the AWG.
- Status of action items Identified in previous meetings
  - The action item from 12/20/01, in which Paul Stonner was to seek GM guidance to identify who will sponsor the Consistent Data initiative, is closed. The GM, John Reeves, has resigned and it is deemed best to wait for the organization to stabilize after the new GM is identified.
  - The action item 2/7/02, in which Michael Bruce and Andy Boots will include a reference about the data encryption recommended guidelines into the system security assessment instructions, will be closed as Karen Anderson will close this item by verifying that the references have been included in the instructions.
  - Kathryn Pirnia will develop a draft data governance process to manage change in shared data.
- AWG chair rotation
  - Paul Stonner was nominated and selected to chair the AWG through July 31, 2002.
- Learning Management System (LMS)
  - LMS provides a web interface to the administration FSA University and other training courses. It does not provide training content, but does support Planning, Registering, Delivering, and Tracking phases of training administration.

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- LMS is for all external audiences that require training through FSA. Right now The business channels can use LMS to manage training for their customers. There is presently no associated cost for using LMS. Training for operating partners can also be managed by FSA through LMS.
  - LMS is not implemented for FSA employees because ED has a tool they have decided to manage all ED employee training. This is a policy decision. LMS can scale to include FSA employee training management.
  - Disruptive Technology
    - An overview of up and coming technologies was presented. These included: changes in the PC; grid computing; embedded collaboration; voice browsing; ultraband wireless; and secure mobility. Dave Elliott can provide more information on how these can be used to meet business needs.
  - NSLDS re-engineering data warehouse options
    - NSLDS is in the process of re-engineering to provide increased capacity and a modern architecture. It is now a multi terabyte database and expected grow quickly over the next several years.
    - The re-engineering team set out to identify a multiterabyte data warehouse solution. They initially identified several players including: IBM, TeraData, Oracle, Microsoft, and Sybase.
    - Vendor presentations were solicited and a client list was requested. It was found that Microsoft and Sybase did not have multiterabyte data warehouse applications in the field. They did have OLTP solutions but not warehousing solutions similar in size to NLSDS. Oracle did show their Oracle RAC product, which would be more closely tied to Oracle 9i instead of 8i, is already field proven. The team did not want to go with an unproven product.
    - TeraData and IBM emerged as the two forerunners. Clients were contacted and interviewed. An estimate of cost of operation is also being developed before a decision is made between the two solutions.
    - The decision will not be for Oracle and will therefore a solution other than an FSA standard will be employed. The NSLDS team informed the AWG of their decision and can address any issues the AWG may have. Members may contact Jim Greene or John Zolldan if they have questions.
  - Meeting Wrap-Up
    - No additional business